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Title of Invention:

**APPARATUS FOR THE PRACTICE OF FOOTBALL IN A  
WHEELCHAIR**

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# **SUBSTITUTE SPECIFICATION**

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DESCRIPTION

APPARATUS FOR PLAYING FOOTBALL IN A WHEELCHAIR

This present invention refers to apparatus called FUTMAN, for practicing football in wheelchairs, by means of which individuals with physical disabilities due to the partial or total immobility of their legs are able to practice the sport of football in a manner that is adapted to their disability.

Background of the invention

To date there has been no knowledge of any similar apparatus which performs the functions of a foot to permit the disabled to practice the sport of football in wheelchairs.

The technical problem to be resolved

The solution offered allows the active upper limbs of players to perform the functions of the lower limbs in the practice of the sport of football.

Description of the invention

The apparatus for playing football in wheelchairs called FUTMAN, has a shape similar to that of a human foot, and both of its sides are concave, thereby facilitating control of the direction of the ball and the effect on the same. This shape makes it possible to use the apparatus with either upper limb without differentiation.

It has a handle on its top which is adaptable to the hand of the person using it, who is able when holding it to use his upper limbs in the same way as the lower limbs.

On the basis of this realization, the apparatus called FUTMAN is essentially characterized by its lightness and adaptability, as well as by its ease of handling for controlling and knocking a ball from a wheelchair.

The Disclosure  
Drawings  
have been  
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Replaced by  
Disclosure  
Drawings  
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The apparatus called FUTMAN is suspended from a support that fits any of the side frontal bars at either side of a wheelchair, in such a way that it offers total freedom to the player for using his upper limbs to move the wheelchair in any way, while using the front of the same to control the ball.

#### Description using drawings

For better understanding of the description contained in this report, it is accompanied by certain drawing in which, as an example only, the different parts of which the apparatus called FUTMAN is composed are shown, together with a possible form of assembling the same.

In the said drawings Fig. 1 is a side view of the apparatus called FUTMAN, Fig. 2 is a side view of the apparatus called FUTMAN in a support that is affixed in turn to a side front bar of a wheelchair. Fig. 3 is a side view of the apparatus called FUTMAN; Fig. 4 is a frontal view of the apparatus called FUTMAN; Fig. 5 is a horizontal view of the apparatus called FUTMAN, which together with the previous Figs. 3 and 4 gives us a perfect idea of the volumetric properties of the apparatus called FUTMAN. Fig. 6 is a side view showing all of the internal assembly of the parts of which the apparatus called FUTMAN is composed.

Fig. 7 shows the apparatus called FUTMAN once it has been taken apart and all of its parts placed in order for assembly, these being:

Part (5) is denominated the handle, part (6) the joining arm; part (3), which is denominated the heel; part (2) which is denominated the top of the foot, showing the two joining rods; and part (1) denominated the sole.

Part (A) is a through bolt; parts (B) and (C) are lock nuts.

#### Preferred embodiment

The apparatus called FUTMAN is composed of a set of parts in strong light weight material, in the shape of a foot with concave sides, in such a way that it

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may be used by players with either upper limb, without differentiation. At the same time it makes it possible to perform all types of the technical manoeuvres used in the practice of the sport, such as ball control, passes, kicking with the toe or heel, etc.

Part -2- denominated the top of the foot, is located at the top of the front of the apparatus called FUTMAN, and part -3- located on the upper rear part, and denominated the heel, are joined together by means of rods and bolts, forming the basic structure of the apparatus called FUTMAN.

Part -4-, denominated the joining arm in the form of an inverted "L", joins the low part (part 1) and the upper part (parts 2 and 3) of the apparatus called FUTMAN. This part -4- is covered by a handle (part 5) that is perfectly adaptable to the hands of the player, allowing his upper limbs to perform the functions of lower limbs, being able to turn in any direction and allowing the wrist to function as an ankle.

An outstanding characteristic of the apparatus called FUTMAN is the ease with which it may be used, due to the handle and its concave sides, which make it possible to control the direction of the ball, and allow left-handed as well as right-handed individuals to use it, knocking balls with the top of the foot as well as with the edges, giving the ball the desired effect.

The materials used in manufacturing the component parts of the apparatus called FUTMAN will be independent of the invention, as are the dimensions of the same, on condition that they do not affect its essential nature.

#### Industrial application

The apparatus called FUTMAN may be manufactured using any type of industry and material, while the strongest and lightest materials are preferable.